



JFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLN. OF: MIYABE et al.  
SERIAL NO.: 10/622,061  
FILED: July 17, 2003  
FOR: Semiconductor Laser Device  
GROUP: 2828  
DOCKET: NEC 03FN011

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

In connection with the above-entitled matter, Applicants hereby attach U.S. Patent Office form PTO-1449, including copies of the references listed therein. Where available, English language counterparts and/or abstracts are being provided for the Examiner's convenience. These references were cited in the Japanese Office Action dated March 29, 2005 of the corresponding Japanese patent application. Enclosed is a copy of the Japanese Office Action, together with an English translation of the relevant portions thereof. The claims in the present application are believed to be patentably distinguished over these references.

This Supplemental Information Disclosure statement is being made pursuant to the duty of disclosure imposed by law and formulated in 37 CFR 1.56(A). No representation is made that the information thus disclosed in fact constitutes prior art or that it is the closest prior art, inasmuch as 37 CFR 1.56(A) relies on a materiality concept which depends on subjectivity.

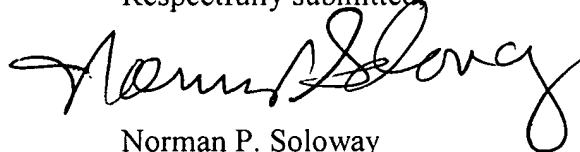
HAYES SOLOWAY P.C.  
130 W. CUSHING STREET  
TUCSON, AZ 85701  
TEL. 520.882.7623  
FAX. 520.882.7643

175 CANAL STREET  
MANCHESTER, NH 03101  
TEL. 603.668.1400  
FAX. 603.668.8567

In compliance with the requirements of 37 C.F.R. § 1.98(a)(3), as a concise statement of relevance, as it is presently understood by the individual designated in 35 U.S.C. § 1.56(c) most knowledgeable about the content of the information, the undersigned attorney of record submits a translation of portions of an official action by a foreign examiner in which the references were cited. The relevance to the pending U.S. patent application is that the references were cited in a foreign patent application on the same subject matter. However, no independent analysis of the references, the accuracy of the statement of foreign examiner or the claims of the foreign application under the laws of the country or the United States relative to the subject matter claimed in the present application has been made; the present understanding of the contents thereof by the undersigned being based on the translation of the foreign examiner's comments submitted therewith.

The enclosed Supplemental Information Disclosure Statement is being submitted within three months of the Japanese Office Action, as certified in the attached Certification for Information Disclosure Statement. Therefore, we believe there are no fees involved with this Information Disclosure Statement. In the event there are additional fees payable, please charge them to our Deposit Account No. 08-1391.

Respectfully submitted,



Norman P. Soloway  
Attorney for Applicants  
Registration No. 24,315

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 10, 2005 at Tucson, Arizona.

By: 

**STATEMENT UNDER 37 CFR 1.97(e) ACCOMPANYING  
INFORMATION DISCLOSURE STATEMENT**

Docket No.  
NEC 03FN011

In Re Application Of: MIYABE et al.

MAY 12 2005

Application No. 10/622,061	Filing Date July 17, 2003	Examiner	Customer No. 27667	Group Art Unit 2828	Confirmation No. 2280
-------------------------------	------------------------------	----------	-----------------------	------------------------	--------------------------

Invention: Semiconductor Laser Device

COMMISSIONER FOR PATENTS:

This is a statement under the provisions of 37 CFR 1.97(e) in the above-identified application.

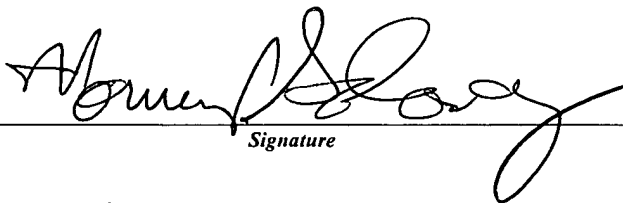
Check applicable statement herebelow:

Statement Under 37 CFR 1.97(e)(1)

- ☒ Each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

Statement Under 37 CFR 1.97(e)(2)

- ☐ No item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

  
Signature

Dated: May 10, 2005

Norman P. Soloway  
Registration No. 24,315  
HAYES SOLOWAY P.C.  
130 W. Cushing Street  
Tucson, AZ 85701

**Certificate of Mailing by First Class Mail**

I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

May 10, 2005

(Date)

  
Signature of Person Mailing Correspondence

Kathryn Grimes

Typed or Printed Name of Person Mailing Correspondence

CC:

NEC 03FN011

1/2

Record (Refer to the List of Cited Documents for the Cited Documents)

- Claims 1~7  
Cited Documents 1~4

## Remarks

A semiconductor laser with a plurality of semiconductor lasers established on a heat radiating block is described in Cited Document 1.

Further, one such as the invention that is described in Cited Document 1 having one part of the elements directly connected to a heat radiating substrate corresponding to requirements by considering the heat radiating properties when a plurality of elements is mounted on a substrate as described in Cited Document 2 is not particularly complex for one skilled in the art.

Establishment of a monitor-use photodiode when including a plurality of lasers on 1 chip is suitably obtained when there is one skilled in the art. (Refer to Cited Documents 3~4 concerning this point, if necessary.)

2/2

## List of Cited Documents

1. Publication of Japanese Laid-Open Patent No. 2001-267674
2. Publication of Japanese Laid-Open Patent No. H9-61676
3. Publication of Japanese Laid-Open Patent No. 2000-11417
4. Publication of Japanese Laid-Open Patent No. 2001-284731

## Prior Art Reference Search Result Record

- Searched Field      IPC 7th Edition      H01S 5/00-5/50

This prior art search result record is without the formation of rejection reasons.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	Docket Number (Optional) <b>NEC 03FN011</b>	Application Number <b>10/622,061</b>
	Applicant(s) <b>MIYABE et al.</b>	
	Filing Date <b>July 17, 2003</b>	Group Art Unit <b>2828</b>

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		2000-011417	1.14.00	JAPAN (w/abstract)	G11B	7/125		
		2001-284731	10.12.01	JAPAN (w/abstract)	H01S	5/22		
		09-061676	3.7.97	JAPAN (w/abstract)	G02B	6/42		
		2001-267674	9.28.01	JAPAN (w/abstract)	H01S	5/022		

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*


EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.